

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Good weather conditions last week contributed to the rapid progress of soybean and corn harvest. Frost the middle of last week should ease some problems by killing some of the weeds that have been troublesome during harvest. Several farmers have reported that they have already completed harvest. Last week farmers were also baling some late hay, seeding wheat, drying grain, applying fall fertilizers, hauling water and grain, caring for livestock, picking apples, and fall plowing, disking, and chiseling. Soil moisture supplies improved slightly in some areas of the State. This soil moisture increase contributed to the improvement of the pasture conditions. For the week of October 1-7 there was an average of five and one-half days suitable for fieldwork.

By October 9, 66% of the CORN crop was harvested compared to 78% last year and the 5-year average (1983-87) of 42%.

By October 9, 99% of the SOYBEAN crop was shedding leaves, compared to 100% last year and the average of 98%. Seventy percent of the crop was harvested compared to 87% last year and the average of 59%.

By October 9, 97% of the SORGHUM crop was mature compared to 100% last year. Forty-one percent of the crop was harvested compared to 88% last year and the average of 44%.

By October 9, 47% of the WINTER WHEAT acreage was seeded, compared to 59% last year and the average of 36%. Fifteen percent of the winter wheat acreage had emerged compared to 14% last year and the average of 10%.

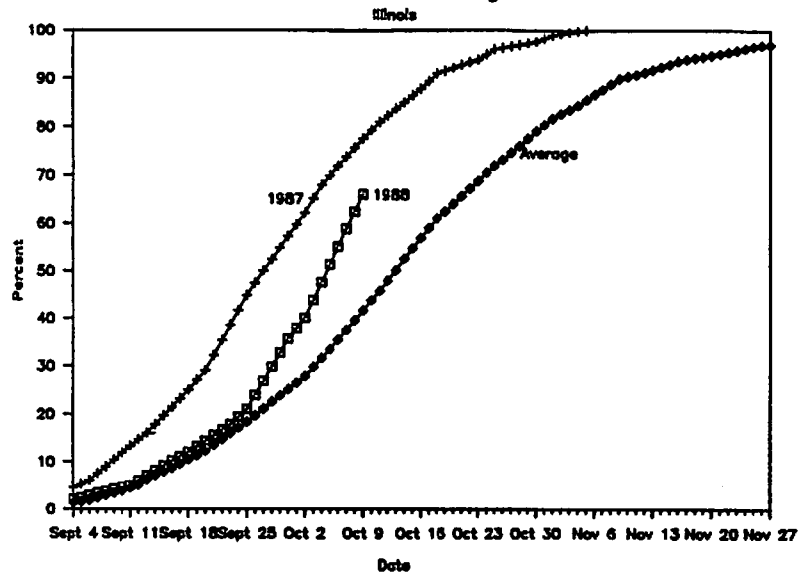
PASTURE condition, as of October 7, was rated as 3% excellent, 9% good, 60% fair, 23% poor, and 5% very poor.

SOIL MOISTURE on October 7 was reported as 71% short, 28% adequate, and 1% surplus.

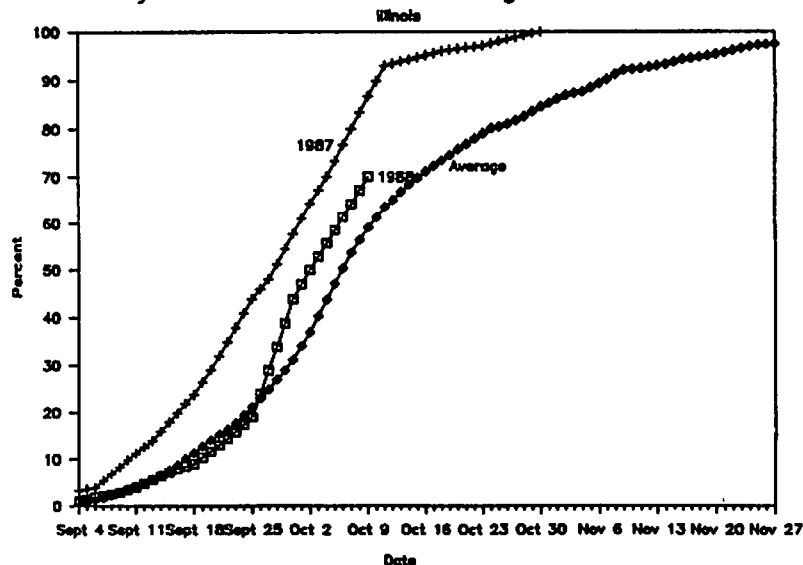
ILLINOIS DISTRICT SUMMARY

District	: Corn :		Soybean :		Days suit- :		Soil		
	: acreage %:		acreage % :		able for :		moisture percent		
	: harvested:		harvested :		fieldwork :		Short :	Adequate:	Surplus
	As of October 9				As of October 7				
Northwest	: 60		65		6.0		100	0	0
Northeast	: 35		75		5.0		65	35	0
West	: 70		60		6.5		100	0	0
Central	: 80		80		6.5		90	10	0
East	: 80		85		5.0		75	25	0
W Southwest:	75		60		5.5		95	5	0
E Southeast:	65		85		5.0		80	20	0
Southwest	: 75		45		4.5		15	75	10
Southeast	: 60		50		5.0		15	85	0
State	: 66		70		5.5		71	28	1
5-Year Avg :	42		59						

Corn - Percent of Acreage Harvested



Soybeans - Percent Acreage Harvested



WEATHER

THE FIRST WIDESPREAD COLD OUTBREAK OF AUTUMN ENGULFED ILLINOIS DURING THE WEEK AS CANADIAN HIGH PRESSURE FOLLOWED A COLD FRONT INTO THE STATE. OVERNIGHT LOWS DROPPED INTO THE UPPER 20'S TO MID 30'S ACROSS MUCH OF ILLINOIS WEDNESDAY AND THURSDAY NIGHTS, WITH ELIZABETH RECORDING A LOW OF 21 DEGREES THURSDAY NIGHT. FOR THE WEEK, TEMPERATURES AVERAGED 8 TO 12 DEGREES BELOW NORMAL WITH HIGHS AVERAGING IN THE UPPER 50'S TO MID 60'S AND LOWS AVERAGING GENERALLY IN THE MID 30'S. THIS FIRST FROST/FREEZE WAS ABOUT 1 OR 2 WEEKS AHEAD OF NORMAL IN MANY AREAS.

THE WEEK WAS GENERALLY DRY WITH VERY LITTLE RAIN ANYWHERE. A FEW WIDELY SCATTERED AMOUNTS WERE REPORTED IN NORTHERN AND SOUTHERN ILLINOIS, BUT TOTALS WERE UNDER .10 INCH.

THE COLD OUTBREAK WAS REFLECTED BY THE SOILS IN A COOLING TREND. AT FOUR INCHES, MAXIMUM READINGS AVERAGED IN THE LOW TO MID 60'S WHILE MINIMUMS AVERAGED IN THE MID 40'S TO MID 50'S.

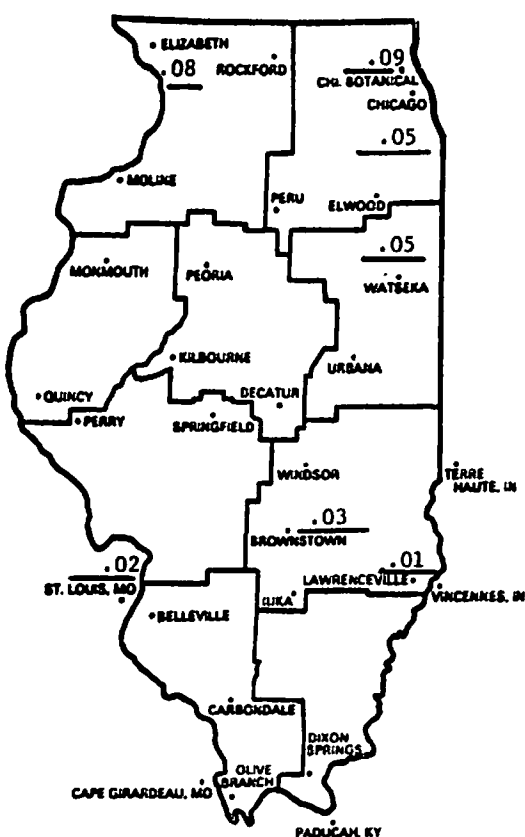
Week ending 8 A.M. Monday, October 10, 1988

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- mum	Mini- mum	Depar- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	60	27	-10	0.06	9.89	-10.60	34	2987	291
ROCKFORD	59	35	-8	0.00	8.51	-12.91	36	3247	509
CHICAGO	58	39	-7	0.00	12.87	-5.72	29	3248	479
CHI BOTANICAL	58	37	-9	0.09	14.59	-4.73	33	3002	-21
ELWOOD	61	36	-8	0.00	8.24	-11.45	37	3239	422
WATSEKA	61	33	-9	0.00	9.55	-11.35	44	3256	283
PERU	60	35	-9	0.02	9.32	-10.02	34	3269	234
MOLINE	61	37	-7	0.00	13.53	-8.45	45	3437	436
PEORIA	61	36	-8	0.00	7.50	-12.23	43	3485	438
KILBOURNE	60	35	-10	0.00	9.95	-11.08	34	3429	201
MONMOUTH	60	34	-10	0.00	10.41	-9.99	40	3264	193
QUINCY	62	37	-8	0.00	8.82	-13.24	47	3523	277
PERRY	61	34	-11	0.00	15.47	-4.79	44	3357	39
SPRINGFIELD	62	37	-9	0.00	8.91	-8.94	47	3600	299
DECATUR						-11.48		3430	207
URBANA	59	34	-11	0.00	9.18	-10.23	32	3470	331
WINDSOR	60	36	-11	0.00	9.49	-9.96	35	3537	235
TERRE HAUTE	62	35	-10	0.00	12.81	-6.61	46	3351	156
ST LOUIS	63	43	NA	0.02	12.73	NA	52	4000	NA
BELLEVILLE	62	34	-12	0.05	8.55	-9.87	42	3539	95
BROWNSTOWN	62	36	-10	0.03	9.29	-10.89	47	3479	136
IUKA	64	33	-12	0.01	18.64	0.50	53	3373	-96
LAWRENCEVILLE	62	36	NA	0.01	10.19	NA	47	3451	NA
VINCENNES	62	35	-10	0.00	10.18	-10.10	48	3442	91
DIXON SPRINGS	63	36	-12	0.00	13.08	-6.19	44	3595	-33
PADUCAH	64	37	-11	0.00	12.01	-8.23	54	3757	71
OLIVE BRANCH	62	39	-11	0.00	16.06	-4.36	41	3535	-28
CARBONDALE	64	35	-11	0.00	17.35	-2.46	53	3528	22
C GIRARDEAU	63	40	NA	0.00	18.13	NA	51	3811	NA

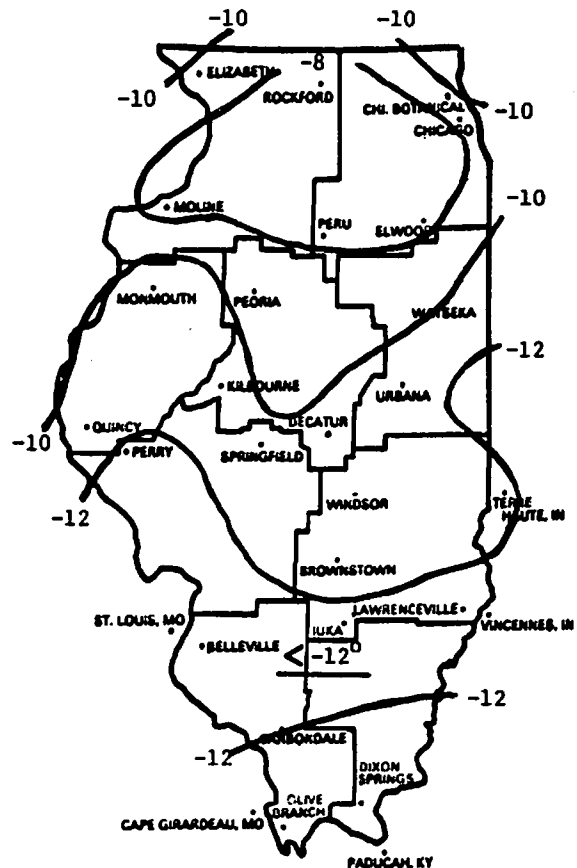
NEWSPAPER TIME VALUE

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7 ILLINOIS SITES RECEIVING
PRECIPITATION DURING 7 DAYS
ENDING OCTOBER 10, 1988.(INCHES)



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) OCTOBER 3-9, 1988

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.